



City of Long Beach

Working Together to Serve

Memorandum

Date: September 11, 2018

To: Patrick H. West, City Manager *T.H.W.*

From: Jess L. Romo, Director, Long Beach Airport *JLR*

For: Mayor and Members of the City Council

Subject: Long Beach Airport Monthly Noise Reports for June and July 2018

Attached are the Long Beach Airport Monthly Noise Reports for the months of June and July 2018. If you have any questions or require additional information, please contact Airport Director Jess L. Romo at (562) 570-2605.

ATTACHMENTS

CC: CHARLES PARKIN, CITY ATTORNEY
LAURA L. DOUD, CITY AUDITOR
DOUGLAS HAUBERT, CITY PROSECUTOR
TOM MODICA, ASSISTANT CITY MANAGER
KEVIN J. JACKSON, DEPUTY CITY MANAGER
REBECCA GARNER, ASSISTANT TO THE CITY MANAGER

Airport Advisory Commission

Wayne Chaney Sr.
Chair

Jeffrey Anderson
Vice Chair

Alvaro Castillo

Rita Nayak

Phil Ramsdale

Jeff Rowe

Roland B. Scott, Jr.

Mary Sophiea



Airport Management

Jess L. Romo, A.A.E.
Airport Director

Juan López-Rios
Deputy Airport Director

Ken Mason
Executive Assistant

Claudia Lewis
Manager of Administration
& Finance

Ron Reeves
Airport Operations Manager

Ambi Thurai
Engineering Officer

Dale Worsham
Administrative Officer

Karl Zittel
Airside Operations Officer

Stephanie Montuya-Morisky
Public Affairs Officer

Matthew Brookes
Airport Properties Officer

Scott Garrett
Facilities Management Officer



Long Beach Airport Monthly Noise Report June 2018

COMMERCIAL AIRCRAFT LATE NIGHT ACTIVITY
LGB Current Month & Calendar Year-To-Date Statistics (10 PM- 7AM)
June 2018

June				CY-T-D 2018		
10PM - 11PM Activity	2018	2017	Change	2018	2017	Change
Air Carrier & Commuter Operations	2,969	2,911	2.0%	18,406	17,716	3.9%
American/Mesa/SkyWest Airlines	2	0	200.0%	21	7	200.0%
Delta/SkyWest Airlines	2	1	100.0%	13	14	-7.1%
FedEx	0	0		0	0	
Hawaiian Airlines	0	0		0	0	
JetBlue Airways	22	48	-54.2%	208	228	-8.8%
Southwest Airlines	1	4	-75.0%	8	14	-42.9%
UPS	0	0		0	0	
Subtotal 10PM-11PM	27	53	-49.1%	250	263	-4.9%
11PM- 7AM Activity	2018	2017	Change	2018	2017	Change
American/Mesa/SkyWest Airlines	1	0	100.0%	3	8	-62.5%
Delta/SkyWest Airlines	1	0	100.0%	5	5	0.0%
FedEx	0	0		0	0	
Hawaiian Airlines	0	0		0	0	
JetBlue Airways	16	31	-48.4%	120	125	-4.0%
Southwest Airlines	0	0		0	5	-500.0%
UPS	0	0		0	0	
Subtotal 11PM-7AM	18	31	-41.9%	128	143	-10.5%
TOTAL	45	84	-46.4%	378	406	-6.9%

Notes:

1.5% (45 of 2,969) of total commercial operations occurred between 10pm - 7am.

1.5 flights - Nightly average for all late night (10:00 PM—7:00 AM) commercial flights, includes unanticipated delays.

0.6 flights - Nightly average for commercial flights after 11 PM.

Of the 45 Late-Night Operations, 36% were due to mechanical issues, 24% were due to air traffic control conditions, 9% occurred during the five-minute grace period, 9% were due to unknown reasons, 7% were due to staffing-related issues, 4% were due to poor weather conditions, 4% were due to fueling issues, 4% were due catering issues and 2% were due to weight and balance issues.

AIRPORT NOISE VIOLATIONS LGB Current Month & Calendar Year-To-Date Statistics June 2018									
June					CY-T-D 2018				
Air Carrier Noise Violations	2018	2017	Change		2018	2017	Change		
American/Mesa Airlines	1	0	100.0%		6	2	200.0%		
Delta/SkyWest Airlines	1	0	100.0%		5	3	66.7%		
FedEx	0	0			0	0			
Hawaiian Airlines	0	0			0	0			
JetBlue Airways	18	31	-41.9%		142	125	13.6%		
Southwest Airlines	0	0			0	3	-300.0%		
UPS	0	0			0	0			
Subtotal	20	31	-35.5%		153	133	15.0%		
Commuter Noise Violations	2018	2017	Change		2018	2017	Change		
American/SkyWest Airlines	0	0			0	0			
Delta/SkyWest Airlines	0	0			0	0			
Subtotal	0	0			0	0			
Non-Commercial Noise Violations	2018	2017	Change		2018	2017	Change		
All GA, Charter & Other	9	16	-43.8%		66	93	-29.0%		
TOTAL	29	47	-38.3%		219	226	-3.1%		
Monetary Fines	2018	2017			2018	2017			
Airport Surcharges	\$6,100	\$1,800			\$37,300	\$13,000			
Consent Decree	\$84,000	\$168,000			\$642,000	\$636,000			
TOTAL	\$90,100	\$169,800			\$679,300	\$649,000			

AIRPORT OPERATIONS LGB Current Month & Calendar Year-To-Date Statistics June 2018									
June					CY-T-D 2018				
Airport Operations (FAA)	2018	2017	Change		2018	2017	Change		
Air Carrier + Commuter Carriers	2,969	2,911	2.0%		18,406	17,716	3.9%		
Air Taxi + General Aviation	18,798	22,875	-17.8%		119,021	135,329	-12.1%		
Military Operations	136	123	10.6%		837	745	12.3%		
Total Aircraft Operations	21,903	25,909	-15.5%		138,264	153,790	-10.1%		

Notes:

0.1% (29 of 21,903) of the Airport's total aircraft operations (Commercial & GA) resulted in an aircraft noise violation.
0.7% (20 of 2,969) of the Airport's Commercial operations (Commercial & Commuter) resulted in an aircraft noise violation.

AIRCRAFT NOISE VIOLATORS

June 2018

OWNERNAME	DATE	TIME	A/D	RWY	FLIGHT #	A/C TYPE	ORIG/DEST	SEL	LIMIT	STATUS
Zero Gravity Corp	6/1/2018	14:49:25	D	30		B722		105.2	102.5	VIO
JetBlue Airways	6/2/2018	0:31:57	A	30	JBU943	A320	FLL	93.6	79.0	VIO + Alt Enf
Private	6/2/2018	0:46:55	D	30		C172		83.7	79.0	VIO
Cathexis Holdings LP	6/2/2018	4:08:41	A	30		F900		89.1	79.0	VIO
Private	6/2/2018	23:31:40	A	30		PA44		81.2	79.0	VIO
JetBlue Airways	6/3/2018	22:56:05	D	30	JBU1436	A320	SFO	93.4	90.0	VIO
American Airlines	6/3/2018	23:25:05	A	30	ASH5755	CRJ9	PHX	91.1	79.0	VIO
JetBlue Airways	6/4/2018	23:21:59	A	30	JBU679	A320	LAS	94.0	79.0	VIO + Alt Enf
Bombardier Inc	6/5/2018	9:32:20	A	30		GLEX		103.6	101.5	VIO
JetBlue Airways	6/6/2018	0:04:24	A	30	JBU679	A320	LAS	93.3	79.0	VIO + Alt Enf
JetBlue Airways	6/8/2018	23:07:35	D	30	JBU1436	A320	SFO	90.0	79.0	VIO + Alt Enf
Polar Equipment LLC	6/10/2018	23:28:02	D	30		FA50		88.4	79.0	VIO
JetBlue Airways	6/15/2018	22:49:11	A	30	JBU405	A320	BOS	93.0	90.0	VIO
Dot Aviation	6/17/2018	5:05:41	A	30		PA44		84.0	79.0	VIO
Southwest Aircraft Charter LC	6/17/2018	23:06:25	D	30		LJ45		85.4	79.0	VIO
JetBlue Airways	6/18/2018	23:05:58	A	25R	JBU405	A320	BOS	94.1	n/a	VIO + Alt Enf
JetBlue Airways	6/20/2018	23:41:24	A	25R	JBU679	A320	LAS	92.5	n/a	VIO + Alt Enf
Delta Air Lines / SkyWest Airlines	6/22/2018	0:42:50	MA	30	SKW4645	E75L	ONT	88.0	79.0	VIO
Virgin Orbit	6/22/2018	13:56:35	A	30		B744		103.6	101.5	VIO
JetBlue Airways	6/22/2018	23:08:40	D	25R	JBU1436	A320	SFO	100.3	n/a	VIO + Alt Enf
JetBlue Airways	6/22/2018	23:28:54	A	25R	JBU943	A320	FLL	92.9	n/a	VIO + Alt Enf
JetBlue Airways	6/23/2018	22:08:53	A	30	JBU943	A320	FLL	93.5	90.0	VIO
JetBlue Airways	6/25/2018	1:43:05	A	30	JBU1013	A320	JFK	93.2	79.0	VIO + Alt Enf
JetBlue Airways	6/27/2018	1:15:04	A	25R	JBU679	A320	LAS	93.3	n/a	VIO + Alt Enf
JetBlue Airways	6/27/2018	23:35:44	D	25R	JBU448	A320	OAK	97.3	n/a	VIO + Alt Enf
JetBlue Airways	6/28/2018	23:48:49	A	25R	JBU405	A320	BOS	93.3	n/a	VIO + Alt Enf
JetBlue Airways	6/29/2018	0:33:06	A	25R	JBU679	A320	LAS	93.3	n/a	VIO + Alt Enf

AIRCRAFT NOISE VIOLATORS

June 2018

OWNERNAME	DATE	TIME	A/D	RWY	FLIGHT #	A/C TYPE	ORIG/DEST	SEL	LIMIT	STATUS
JetBlue Airways	6/30/2018	0:32:22	A	25R	JBU679	A320	LAS	93.1	n/a	VIO + Alt Enf
JetBlue Airways	6/30/2018	22:23:43	D	30	JBU14	A320	JFK	96.2	90.0	VIO

DEFINITIONS:

A/C Type — Aircraft Type

RWY — Runway

A/D/MA — Arrival / Departure / Missed Approach

SEL — SENEL — Single Event Noise Exposure Level (dBA)

ALT ENF — Alternative Enforcement

VIO — Violation

AIR CARRIER NOISE BUDGET PERFORMANCE

July 2017 - June 2018

RMT #	NOISE BUDGET	ACTUAL	PERCENT BUDGET USED
9	70.7	64.7	91.5%
10	84.6	87.4	103.3%

DEFINITIONS:

RMT — Remote Monitoring Terminal

TOTAL NOISE BUDGET PERFORMANCE

July 2017 - June 2018

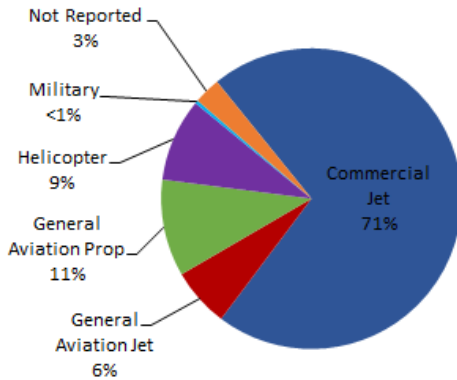
RMT #	NOISE BUDGET	ACTUAL	PERCENT BUDGET USED
9	102.7	72.9	70.9%
10	120.9	101.6	84.0%

Source: LGB staff calculations

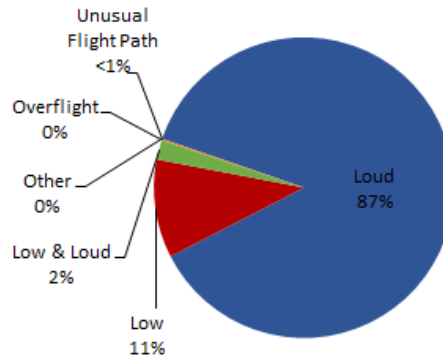
LGB AIRCRAFT NOISE COMPLAINTS

June 2018

Complaints by Aircraft Types



Complaints by Concern



Complaints by Zip Code¹

Zip Code	Complaints	Units
90505	1	1
90712	2	2
90713	8	1
90720	3	1
90740	14	5
90803	3	2
90804	1	1
90805	51	1
90807	92	32
90808	39	27
90814	3	2
90815	3	3
92612	168	1
92626	714	2
92646	6	6
92647	62	6
92648	986	11
92649	702	12
Not Reported	10	8
Grand Total	2,868	124

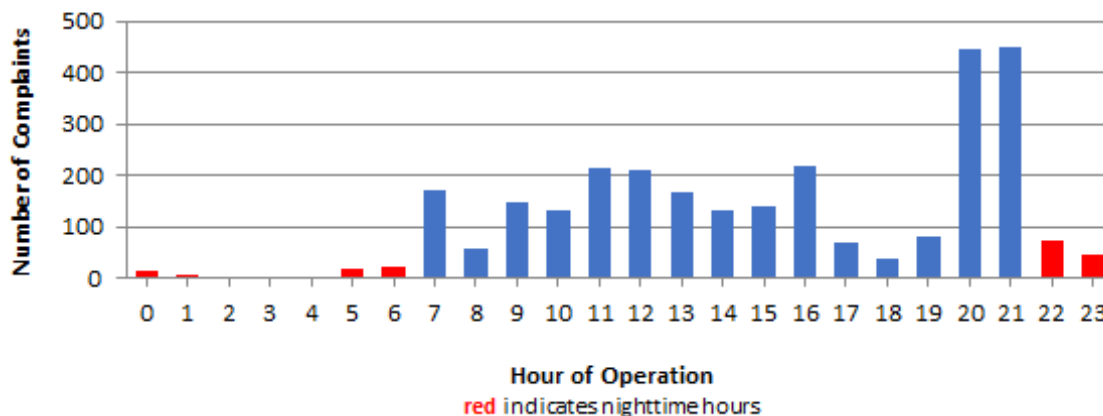
Long Beach Residents' Helicopter Complaints Submitted to FAA²

Zip Code	Individual Complaints	Number of Individuals	Anonymous Complaints	Total Complaints
90802	13	4	23	36
90803	152	9	214	366
90804	1	1	8	9
90808	28	1	0	28
90813	1	1	1	2
90814	13	2	279	292
90815	1	1	0	1
Grand Total	209	19	525	734

¹ These data include data submitted directly to Long Beach Airport and does not include data submitted to FAA.

² These data reflect helicopter noise complaints submitted directly to FAA.

Complaints by Time of Operation



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long beach airport



Long Beach Airport

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Administration • (562) 570-2619

Airport Advisory Commission

Wayne Chaney Sr.
Chair

Jeffrey Anderson
Vice Chair

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COMMERCIAL AIRCRAFT LATE NIGHT ACTIVITY
LGB Current Month & Calendar Year-To-Date Statistics (10 PM- 7AM)
July 2018

July				CY-T-D 2018		
10PM - 11PM Activity	2018	2017	Change	2018	2017	Change
Air Carrier & Commuter Operations	3,023	2,998	0.8%	21,429	20,714	3.5%
American/Mesa/SkyWest Airlines	6	4	50.0%	27	11	145.5%
Delta/SkyWest Airlines	0	3	-300.0%	13	17	-23.5%
FedEx	0	0		0	0	
Hawaiian Airlines	0	0		0	0	
JetBlue Airways	25	57	-56.1%	233	285	-18.2%
Southwest Airlines	1	0	100.0%	9	14	-35.7%
UPS	0	0		0	0	
Subtotal 10PM-11PM	32	64	-50.0%	282	327	-13.8%
11PM- 7AM Activity	2018	2017	Change	2018	2017	Change
American/Mesa/SkyWest Airlines	4	2	100.0%	7	10	-30.0%
Delta/SkyWest Airlines	0	1	-100.0%	5	6	-16.7%
FedEx	0	0		0	0	
Hawaiian Airlines	0	0		0	0	
JetBlue Airways	13	31	-58.1%	133	156	-14.7%
Southwest Airlines	0	0		0	5	-500.0%
UPS	0	0		0	0	
Subtotal 11PM-7AM	17	34	-50.0%	145	177	-18.1%
TOTAL	49	98	-50.0%	427	504	-15.3%

Notes:

1.6% (49 of 3,023) of total commercial operations occurred between 10pm - 7am.

1.6 flights - Nightly average for all late night (10:00 PM—7:00 AM) commercial flights, includes unanticipated delays.

0.6 flights - Nightly average for commercial flights after 11 PM.

Of the 49 Late-Night Operations, 27% were due to mechanical issues, 25% were due to air traffic control conditions, 18% were due to unknown reasons, 12% were due to staffing-related issues, 6% were due to poor weather conditions, 4% were due to diversions, 2% occurred during the five-minute grace period, 2% were due to ferry flights, 2% were due catering issues and 2% were due to weight and balance issues.

AIRPORT NOISE VIOLATIONS LGB Current Month & Calendar Year-To-Date Statistics July 2018									
July					CY-T-D 2018				
Air Carrier Noise Violations	2018	2017	Change		2018	2017	Change		
American/Mesa Airlines	4	4	0.0%		10	6	66.7%		
Delta/SkyWest Airlines	0	1	-100.0%		5	4	25.0%		
FedEx	0	0			0	0			
Hawaiian Airlines	0	0			0	0			
JetBlue Airways	19	32	-40.6%		161	157	2.5%		
Southwest Airlines	0	0			0	3	-300.0%		
UPS	0	0			0	0			
Subtotal	23	37	-37.8%		176	170	3.5%		
Commuter Noise Violations	2018	2017	Change		2018	2017	Change		
American/SkyWest Airlines	0	0			0	0			
Delta/SkyWest Airlines	0	0			0	0			
Subtotal	0	0			0	0			
Non-Commercial Noise Violations	2018	2017	Change		2018	2017	Change		
All GA, Charter & Other	14	10	40.0%		80	103	-22.3%		
TOTAL	37	47	-21.3%		256	273	-6.2%		
Monetary Fines	2018	2017			2018	2017			
Airport Surcharges	\$7,100	\$3,300			\$44,400	\$16,300			
Consent Decree	\$72,000	\$168,000			\$714,000	\$804,000			
TOTAL	\$79,100	\$171,300			\$758,400	\$820,300			

AIRPORT OPERATIONS LGB Current Month & Calendar Year-To-Date Statistics July 2018									
July					CY-T-D 2018				
Airport Operations (FAA)	2018	2017	Change		2018	2017	Change		
Air Carrier + Commuter Carriers	3,023	2,998	0.8%		21,429	20,714	3.5%		
Air Taxi + General Aviation	18,459	26,522	-30.4%		137,480	161,851	-15.1%		
Military Operations	112	103	8.7%		949	848	11.9%		
Total Aircraft Operations	21,594	29,623	-27.1%		159,858	183,413	-12.8%		

Notes:

0.2% (37 of 21,594) of the Airport's total aircraft operations (Commercial & GA) resulted in an aircraft noise violation.

0.8% (23 of 3,023) of the Airport's Commercial operations (Commercial & Commuter) resulted in an aircraft noise violation.

AIRCRAFT NOISE VIOLATORS

July 2018

OWNERNAME	DATE	TIME	A/D	RWY	FLIGHT #	A/C TYPE	ORIG/DEST	SEL	LIMIT	STATUS
JetBlue Airways	7/1/2018	0:46:06	A	30	JBU725	A320	SJC	92.3	79.0	VIO + Alt Enf
JetBlue Airways	7/1/2018	22:15:10	A	30	JBU679	A320	LAS	94.7	90.0	VIO
JetBlue Airways	7/4/2018	23:41:58	A	30	JBU679	A320	LAS	94.5	79.0	VIO + Alt Enf
JetBlue Airways	7/9/2018	22:18:16	A	30	JBU611	A321	JFK	93.7	90.0	VIO
JetBlue Airways	7/10/2018	0:02:21	D	30	JBU611	A321	LAS	97.9	79.0	VIO + Alt Enf
JetBlue Airways	7/10/2018	0:30:46	A	30	JBU405	A320	BOS	92.6	79.0	VIO + Alt Enf
BPM Rentals Inc	7/10/2018	23:45:23	D	30		C425		83.9	79.0	VIO
American Airlines	7/12/2018	23:48:52	A	30	ASH5791	CRJ9	PHX	90.8	79.0	VIO
Threshold Ventures Inc	7/15/2018	3:36:06	A	30		GLF4		89.3	79.0	VIO
Air Prestigio LLC	7/16/2018	0:22:01	A	30		GLF4		89.9	79.0	VIO
JetBlue Airways	7/16/2018	2:46:07	A	30	JBU1013	A320	JFK	93.5	79.0	VIO + Alt Enf
American Airlines	7/16/2018	23:38:30	A	30	ASH5791	CRJ9	PHX	92.0	79.0	VIO
JetBlue Airways	7/17/2018	23:19:32	A	30	JBU943	A320	FLL	94.0	79.0	VIO + Alt Enf
Kolob Canyons Air Services Inc	7/17/2018	23:21:32	A	30		GLF4		88.8	79.0	VIO
JetBlue Airways	7/18/2018	2:13:22	A	30	JBU679	A320	LAS	93.3	79.0	VIO + Alt Enf
JetBlue Airways	7/18/2018	23:01:22	D	30	JBU944	A320	FLL	95.9	79.0	VIO
Jaya Air LLC	7/18/2018	23:22:16	D	30		CL35		84.5	79.0	VIO
Private	7/20/2018	5:24:09	A	30		PA44		93.6	79.0	VIO
JetBlue Airways	7/20/2018	23:25:21	A	30	JBU943	A320	FLL	94.2	79.0	VIO + Alt Enf
Fast Forward Aviation LLC	7/21/2018	23:37:27	A	30		E50P		85.8	79.0	VIO
JetBlue Airways	7/22/2018	22:05:25	D	30	JBU14	A320	JFK	95.6	90.0	VIO
American Airlines	7/23/2018	23:13:08	A	30	ASH5791	CRJ9	PHX	91.0	79.0	VIO
JetBlue Airways	7/24/2018	22:09:20	D	12	JBU14	A320	JFK	95.6	90.0	VIO
Trinity Broadcasting of Florida Inc.	7/25/2018	4:40:02	A	30		GLEX		87.6	79.0	VIO
Kohler Co	7/25/2018	23:12:48	D	30		GLF4		85.4	79.0	VIO
Citation SN S550-0108 LLC	7/25/2018	23:20:49	D	30		C550		84.4	79.0	VIO
Private	7/25/2018	23:33:44	A	30		C525		90.3	79.0	VIO
JetBlue Airways	7/26/2018	0:32:54	A	30	JBU405	A320	BOS	93.3	79.0	VIO + Alt Enf
JetBlue Airways	7/26/2018	22:31:33	D	30	JBU14	A320	JFK	95.5	90.0	VIO

AIRCRAFT NOISE VIOLATORS

July 2018

OWNERNAME	DATE	TIME	A/D	RWY	FLIGHT #	A/C TYPE	ORIG/DEST	SEL	LIMIT	STATUS
Rainbow Sandals Retail Inc	7/26/2018	23:38:22	A	30		P180		100.2	79.0	VIO
Steelwood Partners LLC	7/27/2018	0:01:41	A	30		B350		87.3	79.0	VIO
JetBlue Airways	7/27/2018	0:28:35	A	30	JBU405	A320	PHX	93.7	79.0	VIO + Alt Enf
JetBlue Airways	7/28/2018	22:22:13	D	30	JBU14	A320	JFK	95.8	90.0	VIO
JetBlue Airways	7/29/2018	23:39:47	D	30	JBU14	A320	JFK	91.4	79.0	VIO + Alt Enf
American Airlines	7/30/2018	0:16:40	A	30	ASH5791	CRJ9	PHX	90.9	79.0	VIO
Nymoon LLC	7/30/2018	2:39:25	A	30		DA42		81.4	79.0	VIO
JetBlue Airways	7/31/2018	0:11:39	A	30	JBU405	A320	BOS	93.2	79.0	VIO + Alt Enf

DEFINITIONS:

A/C Type — Aircraft Type

A/D — Arrival / Departure

ALT ENF — Alternative Enforcement

RWY — Runway

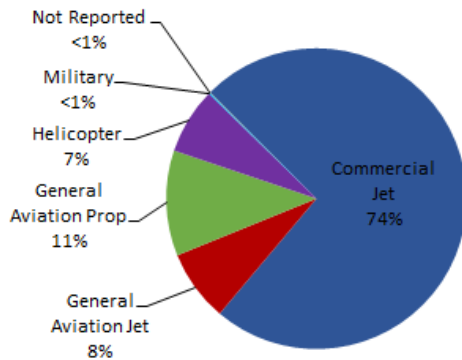
SEL — SENEL — Single Event Noise Exposure Level (dBA)

VIO — Violation

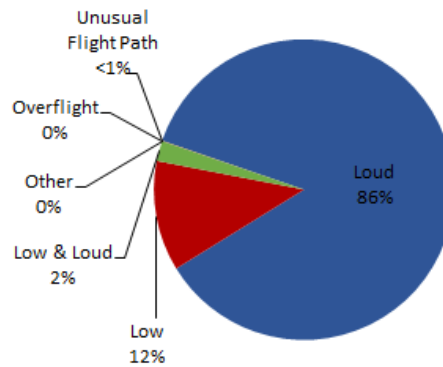
LGB AIRCRAFT NOISE COMPLAINTS

July 2018

Complaints by Aircraft Types



Complaints by Concern



Complaints by Zip Code¹

Zip Code	Complaints	Units
90260	1	1
90501	3	1
90713	6	1
90731	1	1
90740	28	2
90804	1	1
90805	20	1
90807	62	21
90808	3	3
90814	1	1
90815	4	3
92612	114	1
92626	920	2
92646	16	4
92647	262	6
92648	314	20
92649	1,084	13
Not Reported	4	4
Grand Total	2,844	86

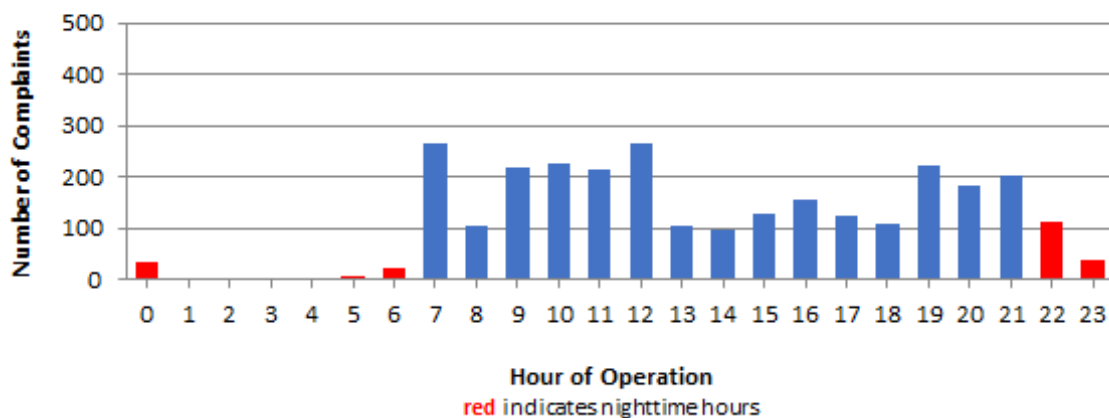
Long Beach Residents' Helicopter Complaints Submitted to FAA²

Zip Code	Individual Complaints	Number of Individuals	Anonymous Complaints	Total Complaints
90802	8	2	2	10
90803	111	5	139	250
90804	0	n/a	3	3
90808	0	n/a	4	4
90813	0	n/a	1	1
90814	52	2	181	233
Grand Total	171	9	330	501

¹ These data include data submitted directly to Long Beach Airport and does not include data submitted to FAA.

² These data reflect helicopter noise complaints submitted directly to FAA.

Complaints by Time of Operation



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long beach airport



Long Beach Airport

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